



Product Service

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**Technical Report No. 028-713009109-000**

**Rev. 0**

**Dated 2012-12-04**

Client: TÜV SÜD product Service France  
Rue des Famards  
FR 59818 Lesquin CEDEX

Manufacturing place: TTK S.A.S  
7 allée des Châtaigniers  
FR 78190 Trappes

Test subject: Product: Analysis Equipment  
(Liquid leak detection alarm panel)

Type: FG-NET

Test specification: EN 61010-1:2010  
ZEK 01.4-08 (PAH)

Purpose of examination: Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements.

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# 1 Description of the test subject

## 1.1 Function

Manufacturer's specification for intended use:

The FG-NET Digital system ensures an immediate detection and a precise location of any liquid leak (water, acids, bases, solvents, hydrocarbons) in industrial applications and buildings.

The FG-NET system is composed of a FG-NET Digital Unit, lengths of sense cables and accessories.

Manufacturer's specification for predictive misuse:

According to the user's manual

## 1.2 Consideration of the foreseeable misuse

Not applicable

Covered through the applied standard

Covered by the following comment

Covered by attached risk analysis

## 1.3 Technical Data

Trade Mark ..... : TTK.S.A.S.

Manufacturer ..... : TTK S.A.S.

Model/Type reference ..... : FG-NET

Ratings ..... : 100-240V~; 50/60Hz; 1,3A ; 36VA

Protection Class.....: I

# 2 Order

## 2.1 Date of Purchase Order

2012-07-09

## 2.2 Receipt of Test Sample, Location

2012-07-24, TÜV SÜD Product Service GmbH, Ridlerstr.65, 80339 Munich

## 2.3 Date of Testing

2012-07-31 to 2012-12-04



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## 2.4 Location of Testing

TÜV SÜD Product Service GmbH, Ridlerstr.65, 80339 Munich

## 2.5 Points of Non-compliance or Exceptions of the Test Procedure

### Adoption of CB report:

This technical report is issued due to an adoption of CB (CB NO FR 621573 by Laboratoire Central des Industries Électriques, Date 2012-05-03) report with Report reference No. LCIE n°111231-621571 issued by CBTL L.C.I.E, 33, Avenue du Général Leclerc, FR 92260 – Fontenay-Aux-Roses.

### Compliance with EN 61010-1:2010:

The text of the International relevant IEC Standard (IEC 61010-1:2010) were approved by CENELEC as European Standard EN 61010-1:2010, without any modification.

German deviations have been observed and investigated.

## 3 Test Results

### 3.1 Positive Test Results

- Electrical safety
- PAH

## 4 Remark

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout

### 4.1 Remarks to Factory

The assembly of the product has to comply with the documentation (CDF). Before the implementation of safety relevant modifications to the product into the ongoing production the product must be retested for assessment. The results must be implemented to the documentation and if necessary the certificate must be updated.

The final inspections in the production are described in the EN 61010-1.



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## 5 Documentation

- PAH chemical testing report

TÜV SÜD Product Service GmbH

Technical Report checked

A handwritten signature in blue ink, appearing to read 'R. Fischer'.

i.A. Ralph Fischer  
Industrial Electronics

TÜV SÜD Product Service GmbH

Engineer

A handwritten signature in blue ink, appearing to read 'Timothée Djoto'.

i.A. Timothée Djoto  
Industrial Electronics